

BEAR RIVER

A. Water Quality Data

No data are currently available. A report prepared for the South Sutter Water District may contain water quality information. The report may be available for public distribution in late-December 2003.

B. Water Temperature Data

- Water Temperature Information from Bailey Environmental Late-May 2003 to August 2003:** Bailey Environmental began a water temperature monitoring program for Placer County beginning in May 2003. The early results from this sampling program are presented in Figures 1 and 2 below. Figure 1 displays data from a site located at the upstream boundary of the Patterson Sand and Gravel operation, approximately 2,000 feet downstream of the South Sutter irrigation diversion dam below Camp Far West Reservoir. Figure 2 displays data from a site located at the downstream boundary of the Patterson Sand and Gravel operation. **Source: Bailey Environmental, unpublished data.**

Figure 1. Water temperature time series from the upper Patterson Sand and Gravel site on the Bear River for the period May 28 to August 4, 2003. Conditions appear to be suitable for juvenile rearing.

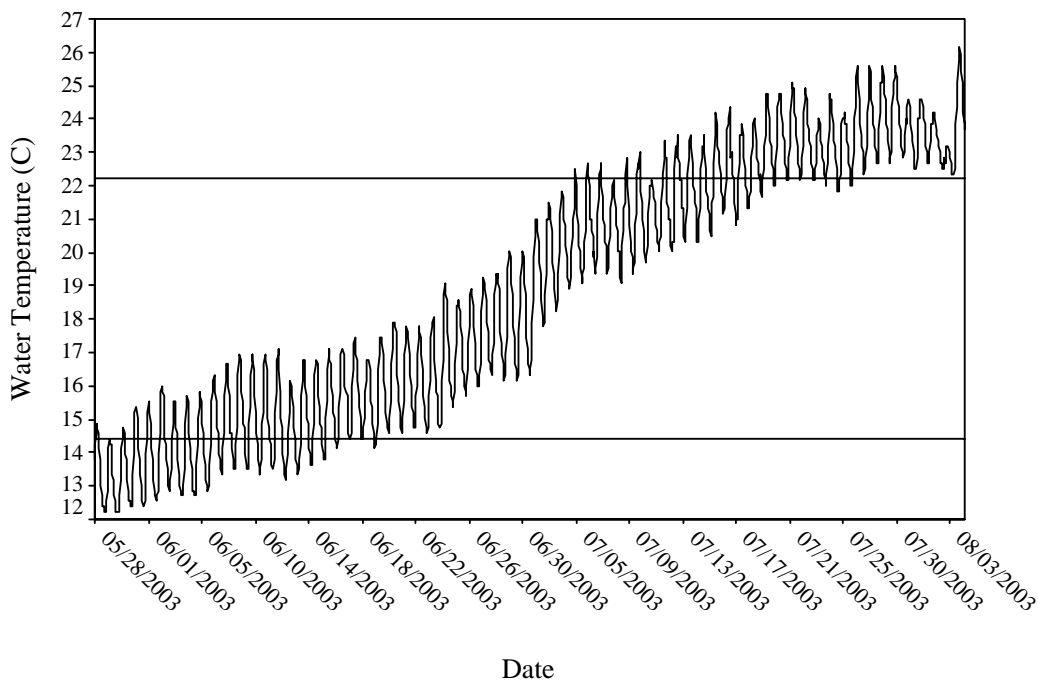
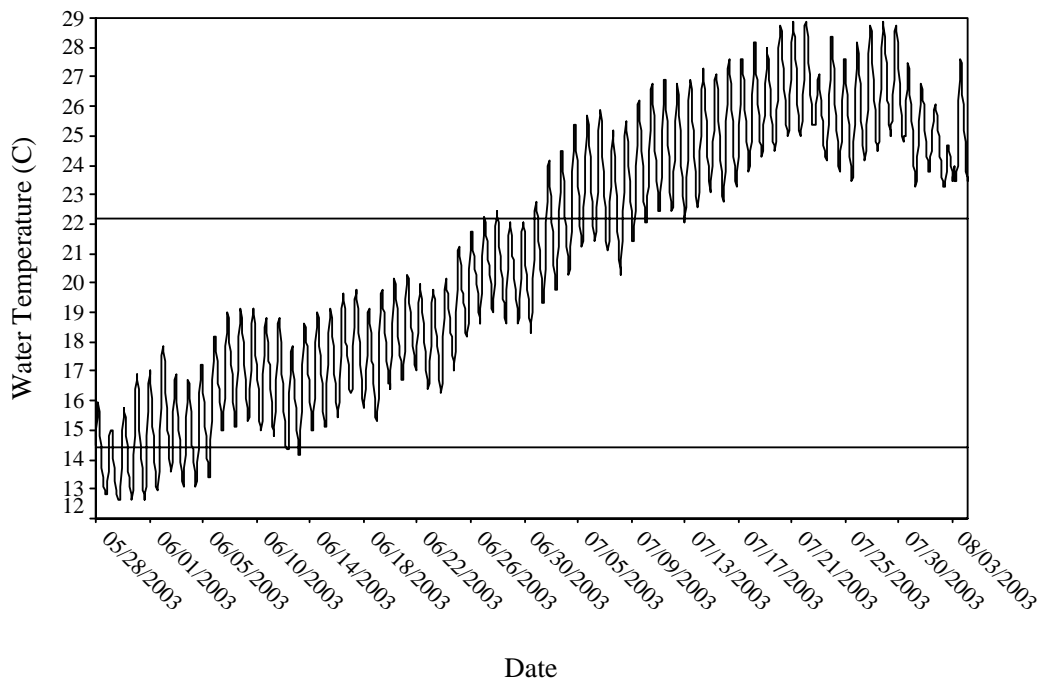


Figure 2. Water temperature time series from the lower Patterson Sand and Gravel site on the Bear River for the period May 28 to August 4, 2003. Conditions do not appear to be suitable for juvenile rearing.



C. Benthic Invertebrate Data

No data are currently available. A report prepared for the South Sutter Water District may contain water quality information. The report may be available for public distribution in late-December 2003.

D. Physical Habitat Data

No data are currently available. A report prepared for the South Sutter Water District may contain physical habitat information. The report may be available for public distribution in late-December 2003.

E. Fishery Resource Data

While no fishery resource data is currently available, fall-run chinook salmon are present in the system and do spawn downstream of Camp Far West Reservoir. There is some anecdotal evidence of spawning but no reliable estimates of run size. A report prepared for the South Sutter Water District may contain fishery resource information. The report may be available for public distribution in late-December 2003.

F. Fish Passage or Screening Data

No data are currently available. A report prepared for the South Sutter Water District may contain fish passage or screening information. The report may be available for public distribution in late-December 2003.